Progress Summary
CALFED Storage and Conveyance Refinement Process
January 7, 1997

- A storage and conveyance workshop will be held in mid-March instead of the previously announced date of February 4, 1997. The delay is due to effort devoted to development of spreadsheet post-processing tools and staff participation in the current flood fight efforts. The workshop will be held jointly with a water use efficiency workshop.

- We have continued extensive development and checking of post processing spreadsheets. This is an ongoing process; however we want to be reasonably confident about their soundness before distributing the next generation of evaluations. We are also making modifications in order to model some of the operating criteria suggestions we have received.

- DWRSIM evaluations have progressed. The CALFED benchmark run has been revised, based on input from USBR, CALFED consultant, SWRI, and DWR staff. A new benchmark plus DWR South Delta Improvements run has been completed. The transition from using MDO to using G-Model for calculating outflow required to meet salinity standards has been completed. Programming to simulate an isolated transfer facility, in-delta storage, north of Delta storage (surface and groundwater), and aqueduct storage (surface and groundwater has been completed. Trial runs to evaluate the adequacy of the new code are being made.

- Delta simulation modeling has progressed. DWR staff has developed and tested new geometric files to evaluate various combinations of through-Delta and dual transfer alternatives. We have met with MWD and CCWD modelers to discuss the results of their Delta modeling efforts, and will incorporate their results into the CALFED evaluations.

- The recalibration of the DWRDSM1, Suisun Marsh Version, is about 50 % complete, currently focusing on a review of the geometry files and compilation of operational and verification data. The recalibration team currently estimates that the recalibration effort will be completed by the end of February.

- A descriptive inventory of CALFED storage and conveyance options has been completed, based on available reports and information. This includes north of Delta surface and groundwater, in-Delta surface storage, and aqueduct surface and groundwater storages, and various conveyance options.

- A draft component screening process has been proposed and discussed with Corps Regulatory staff. The screening process needs to be consistent with 404(b)(1) regulations. An effort is underway to gather environmental data to use in the screening process. No

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field investigations will be conducted at this stage of the process, but existing data bases, aerial photography, maps, and reports are being reviewed.

- Pre-feasibility cost estimates and engineering analyses are underway for a few storage and conveyance components which will serve as examples for evaluation in the Programmatic EIR/EIS.

- Discussions have been held with various stakeholder groups in the agricultural, urban, and environmental sectors. One of the primary issues discussed is development of operating rules for system and Delta modeling. These include various proposals for restrictions on diversions for offstream storage, allocation of water supplies for environmental benefits, and timing of export deliveries.

- An outreach program has been initiated to open discussion with local agencies regarding potential groundwater and conjunctive use programs in the Sacramento and San Joaquin valleys. The primary focus of this program is to learn about specific concerns and interests of the involved water agencies.